

AMENDMENTS TO THE CLAIMS

1-6. (Canceled)

7. (Currently Amended) A method for discriminating an optical storage medium, comprising:

~~obtaining a clock frequency for reading the optical storage medium; and~~
accessing synchronous data from a predetermined range of the optical storage medium;

configuring a clock frequency of a PLL at a rate based on the accessed synchronous data to enable further data to be read from the optical storage medium; and

comparing the clock frequency with a frequency threshold to discriminate a type of the optical storage medium so that the further data can be read.

8. (Original) The discrimination method according to Claim 7, wherein the optical storage medium is discriminated as a DVD when the clock frequency is larger than the frequency threshold.

9. (Original) The discrimination method according to Claim 7, wherein the optical storage medium is discriminated as a CD when the clock frequency is smaller than the frequency threshold.

10. (Original) The discrimination method according to Claim 7, wherein the comparing step comprises a step of determining the optical storage medium as a blank disk when the clock frequency is substantially zero.

11-18. (Canceled)